

ABSTRACT

[00345] The present invention is directed to nucleic acid sequences of *Ginkgo biloba* diterpene synthases, particularly of a levopimaradiene synthase. More specifically, the invention is directed to a cell of a unicellular organism, such as *Saccharomyces cerevisiae* or *Escherichia coli*, comprising levopimaradiene synthase for the metabolically engineered *in vivo* biosynthesis of a diterpene and a ginkgolide.

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